



HP300-CB

CARBON BLACK

HP 300-CB has a Carbon Black coating sandwiched between a proprietary HEPA grade ePTFE membrane and then Thermally-Bonded to a 100% synthetic base through a proprietary process. This E11 HEPA membrane is formed without solvents, chemicals or binders. The unique Relaxed Membrane is bonded to the up-flow side that makes this media a one-of-a-kind in the filtration industry. The bonding process is engineered so the membrane and CB coating will not rupture or break down during the pleating process.

FEATURES

- Fire Suppressant
- Explosion Suppressant
- Anti-Static Control
- 100% Hydrophobic
- Full Synthetic Media
- High Efficiency E11

APPLICATIONS

- Industrial Air Filtration
- Magnesium Processing & Cutting
- Stainless Steel Welding & Cutting
- Aluminum Cutting
- Food Processing
- Pharmaceuticals
- Laser Cutting
- Coal

HP300-CB

SPECIFICATIONS	US	METRIC
MODEL	HP300-CB	HP300-CB
SUBSTRATE	PSB with Carbon Black	PSB with Carbon Black
EFFICIENCY @0.33MICRON	99.20 %	99.20%
EFFICIENCY (PER EN-1822)	E11	E11
BASIS WEIGHT	8.0 oz/yd ²	270 gsm
THICKNESS	0.024"	0.62 mm
CONTINUOUS SERVICE TEMP.	248°F	120°C
TENSILE STRENGTH IN WARP	202 lb/2"	900 N/5cm
TENSILE STRENGTH IN WAFT	180 lb/2"	800N/5cm
AIR PERMEABILITY	5-8 cfm/ft ² @0.5"wg	25-40 L/dm ² .min@200Pa
RESISTANCE (32 L/min)	0.92 in wg	230 Pa
SURFACE IMPEDANCE	≤105Ω	≤105Ω



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